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U. S. Application No. - 10/ 581,294

International Application Number: PCT/ US04/09398 International Filing Date: 03-26-04

Application Filed by 30 Month: Yes X No Language: English

Copy in International Application: yes ✓ no Translation: yes no Defective: Yes

371 Filing Fees ✓ paid Insufficient Meet Article 33 Requirement: Yes No & why not

Original claims: 1-85 Added Claims: Total Claims: 85 Chargeable 85 Independent 5 multiple N

Claims Cancelled via Article 34 &/or Pre-Amdt Claims added via Article 34

Total Number of Drawing Sheets: 52 Foreign Text:

Oath/Declaration: yes ✓ no : signed ✓ unsigned defective Date Satisfied: 6-1-06

PCT/RO/101/Request Form Declaration: yes: signed Unsigned

Small Entity: ✓ Yes Small Entity Statement Assertion by filing fee paid ✓ Large Entity:

1st Submission: Biochemical Seq. Diskette: yes ✓ no 2 entered & date 1-19-07 not entered & date

2nd Submission: Biochemical Seq. Diskette: yes no entered & date not entered & date

Biochemical Seq. Listing: yes ✓ no 2 statement ✓ yes 2 no other submission date(s): 1-12-07

Biochemical Diskette/Listing not needed:

Copy of ISR: with references without references Non-Establishment of ISR PCT/ISA/203 NO SR

Article 19 Amendment: entered not entered Replaced by Article 34 Amendment

Copy of IPR: without Annexes with Annexes: Annexes entered Annexes not entered 237

Reason Annexes have not been entered:

Preliminary Amendment(s): yes not entered & Why Other Amendment dates:

IDS: yes with references without references Other IDS Dates:

Request for Immediate Examination: yes no Other Early Processing Date:

Substitute Specification: yes Other Documents filed:

Assignment: yes ✓ Date filed: 7-14-06 Assignment for PG Pub: Yes Date filed:

Power of Attorney ✓ Application Data Sheet Priority Document(s): yes ✓ 2

Application Size: Spec. 119 Claims 15 Abstract 1 Drawings 52 Seq. List. 5 Seq. RP 7 Total: 199

Application Fees: owed/paid

✓ Declaration ✓ Claims Multiple Translation ✓ Extension 11/10/04 Petition Application size ✓

Date of 35 USC Receipt of Request: June 01, 2006

Date Completion USC 371 Requirements: 11

Notice of Missing Requirements: Response to Missing Requirements

371 Formalities Letter: (Sequence) 9229/23/06 922 Response 1/12/07 or (Fees Owed) 923 923-Response

Notice of Defective Response: Defective Response Reply

Notice of Acceptance: 01-31-07

Notice of Abandonment: Petition to Revive: Petition 1.47: